



MAJOR SOURCE OPERATING PERMIT

Permittee: **Kimberly-Clark Corporation-Mobile Operations**
Facility Name: **Kimberly-Clark Corporation**
Facility No.: 503-2012
Location: Mobile, AL

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, Ala. Code §§ 22-28-1 to 22-28-23, as amended, the Alabama Environmental Management Act, Ala. Code §§ 22-22A-1 to 22-22A-17, as amended, and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

Issuance Date: Draft
Effective Date: Draft
Expiration Date: TBD

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General Permit Provisos

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<p>1. <u>Transfer</u></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in Rule 335-3-16-.13(1)(a)5.</p> <p>2. <u>Renewals</u></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p> <p>3. <u>Severability Clause</u></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivision, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p> <p>4. <u>Compliance</u></p> <p>(a) The permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the permittee.</p> <p>(b) The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p> <p>5. <u>Termination for Cause</u></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a</p>	<p>Rule 335-3-16-.02(6)</p> <p>Rule 335-3-16-.12(2)</p> <p>Rule 335-3-16-.05(e)</p> <p>Rule 335-3-16-.05(f)</p> <p>Rule 335-3-16-.05(g)</p> <p>Rule 335-3-16-.05(h)</p>

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notification of planned changes or anticipated noncompliance will not stay any permit condition.	
<p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p>	Rule 335-3-16-.05(i)
<p>7. <u>Submission of Information</u></p> <p>The permittee must submit to the Department, within 30 days or for such other reasonable time as the Department may set, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by this permit.</p>	Rule 335-3-16-.05(j)
<p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p>	Rule 335-3-16-.05(k)
<p>9. <u>Certification of Truth, Accuracy, and Completeness:</u></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p>	Rule 335-3-16-.07(a)
<p>10. <u>Inspection and Entry</u></p> <p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> (a) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit; (c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), 	Rule 335-3-16-.07(b)

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<p>practices, or operations regulated or required pursuant to this permit;</p> <p>(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.</p> <p>11. <u>Compliance Provisions</u></p> <p>(a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.</p> <p>(b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.</p> <p>12. <u>Compliance Certification</u></p> <p>A compliance certification shall be submitted annually on March 2nd.</p> <p>(a) The compliance certification shall include the following:</p> <p>(1) The identification of each term or condition of this permit that is the basis of the certification;</p> <p>(2) The compliance status;</p> <p>(3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with Rule 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);</p> <p>(4) Whether compliance has been continuous or intermittent;</p> <p>(5) Such other facts as the Department may require to determine the compliance status of the source;</p> <p>(b) The compliance certification shall be submitted to:</p> <p style="text-align: center;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463</p> <p style="text-align: center;">and to:</p> <p style="text-align: center;">Enforcement and Compliance Assurance Division EPA Region 4 Atlanta Federal Center</p>	<p></p> <p>Rule 335-3-16-.07(c)</p> <p>Rule 335-3-16-.07(e)</p>

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<p style="text-align: center;">61 Forsyth Street, SW Atlanta, GA 30303</p>	
<p>13. <u>Reopening for Cause</u></p> <p>Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <ul style="list-style-type: none"> (a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. (b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit. (c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. (d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements. 	<p>Rule 335-3-16-.13(5)</p>
<p>14. <u>Additional Rules and Regulations</u></p> <p>This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p>15. <u>Equipment Maintenance or Breakdown</u></p> <ul style="list-style-type: none"> (a) In the case of shutdown for more than one (1) hour of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Director at least twenty-four (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to 	<p>Rule 335-3-1-.07(1), (2)</p>

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<p>control. Such prior notice shall include, but is not limited to the following:</p> <ul style="list-style-type: none"> (1) Identification of the specific facility to be taken out of service as well as its location and permit number; (2) The expected length of time that the air pollution control equipment will be out of service; (3) The nature and quantity of emissions of air contaminants likely to occur during the shutdown period; (4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; (5) The reasons that it would be impossible or impractical to shut down the source operation during the maintenance period. <p>(b) In the event that there is a breakdown of equipment or upset of process for a period exceeding one (1) hour in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.</p>	
<p>16. <u>Operation of Capture and Control Devices</u></p> <p>All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.</p>	<p>§22-28-16(d), Code of Alabama 1975, as amended</p>
<p>17. <u>Obnoxious Odors</u></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p>	<p>Rule 335-3-1-.08</p>
<p>18. <u>Fugitive Dust</u></p>	

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<p>Reasonable precautions to prevent fugitive dust shall be taken so that provisions of the Department's rules and regulations shall not be violated.</p>	<p>Rule 335-3-4-.02</p>
<p>19. <u>Additions and Revisions</u></p> <p>Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p>	<p>Rule 335-3-16-.13 and .14</p>
<p>20. <u>Recordkeeping Requirements</u></p> <p>(a) Records of required monitoring information of the source shall include the following:</p> <ul style="list-style-type: none"> (1) The date, place, and time of all sampling or measurements; (2) The date analyses were performed; (3) The company or entity that performed the analyses; (4) The analytical techniques or methods used; (5) The results of all analyses; and (6) The operating conditions that existed at the time of sampling or measurement. <p>(b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable.</p>	<p>Rule 335-3-16-.05(c)2</p>
<p>21. <u>Reporting Requirements</u></p> <p>(a) Reports to the Department of any required monitoring shall be annually on March 2nd and August 31st. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with Rule 335-3-16-.04(9).</p> <p>(b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those attributable to upset conditions as defined in the permit. The</p>	<p>Rule 335-3-16-.05(c)3</p>

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report will include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.	
<p>22. Emission Testing Requirements</p> <p>Each point of emission which requires testing will be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised. As allowed in MACT and other regulations, flexibility is provided to use alternative test methods, as approved by EPA, ADEM or permit condition.</p> <p>The Air Division must be notified in writing at least 10 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p> <p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p> <ol style="list-style-type: none"> (1) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests. (2) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures require probe cleaning). (3) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity. (4) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances. <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division or an alternative time is specified by an applicable regulation.</p>	<p>Rule 335-3-1-.05(3) and Rule 335-3-1-.04(1)</p> <p>Rule 335-3-1-.04</p> <p>Rule 335-3-1-.04</p>

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<p>23. <u>Payment of Emission Fees</u></p> <p>Annual emission fees shall be remitted each year according to the fee schedule in ADEM Admin. Code R. 335-1-7-.04.</p>	<p>Rule 335-1-7-.04</p>
<p>24. <u>Other Reporting and Testing Requirements</u></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p>	<p>Rule 335-3-1-.04(1)</p>
<p>25. <u>Title VI Requirements (Refrigerants)</u></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the US EPA and the Department as required.</p>	<p>40 CFR Part 82</p>
<p>26. <u>Chemical Accidental Prevention Provisions</u></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <ul style="list-style-type: none"> (a) The owner or operator shall comply with the provisions in 40 CFR Part 68. (b) The owner or operator shall submit one of the following: <ul style="list-style-type: none"> (1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68.10(a) or, (2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the 	<p>40 CFR Part 68</p>

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<p style="text-align: center;">registration and submission of the Risk Management Plan.</p>	
<p>27. <u>Display of Permit</u></p> <p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and will be made readily available for inspection by any or all persons who may request to see it.</p>	<p>Rule 335-3-14-.01(1)(d)</p>
<p>28. <u>Circumvention</u></p> <p>No person shall cause or permit the installation or use of any device or any means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p>	<p>Rule 335-3-1-.10</p>
<p>29. <u>Visible Emissions</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p>	<p>Rule 335-3-4-.01(1)</p>
<p>30. <u>Fuel-Burning Equipment</u></p> <p>(a) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in Part 335-3-4-.03.</p> <p>(b) Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in Part 335-3-5-.01.</p>	<p>Rule 335-3-4-.03</p> <p>Rule 335-3-5-.01</p>
<p>31. <u>Process Industries – General</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in Part 335-3-4-.04.</p>	<p>Rule 335-3-4-.04</p>
<p>32. <u>Averaging Time for Emission Limits</u></p>	

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Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.	Rule 335-3-1-.05
33. Permit Shield A permit shield exists under this operating permit in accordance with ADEM Administrative Code R. 335-3-16-.10 in that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance. The permit shield is based on the accuracy of the information supplied in the application for this permit. Under this shield, it has been determined that requirements listed as non-applicable in such section are not applicable to this source.	Rule 335-3-16-.10

801 Combustion Turbine Informational Summary

Description: 22.4 MW Solar Titan 250E Combustion Turbine with 130 MMBtu/hr Supplemental Burner

Emission Unit No: X052

Installation Date: 2019

Reconstruction/Modification Date: N/A

Operating Capacity: 22.4 MW (219.46 MMBTU/hr Turbine & 130 MMBtu/hr Supplemental Burner)

Operating Schedule: 8760 hours/year

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
40 CFR Part 60 Subpart KKKK

Pollutants Emitted

Emission Point	Point Description	Pollutant	Emission Limit	Standard
X052	801 Combustion Turbine & Supplemental Burner	NO _x	≤ 25 ppm @ 15% O ₂ or 1.2 lb/MWh useful output and 3.46 lb/hr	Rule 335-3-10-.02(89) Rule 335-3-14-.02
X052	801 Combustion Turbine & Supplemental Burner	SO ₂	≤ 0.060 lb/MMBtu	Rule 335-3-10-.02(89)
X052	801 Combustion Turbine & Supplemental Burner	CO	≤ 4.21 lb/hr	Rule 335-3-14-.02
X052	801 Combustion Turbine	PM ₁₀	≤ 0.00885 lb/MMBtu and ≤ 1.94 lb/hr	Rule 335-3-14-.04(9)
X052	801 Combustion Turbine	PM _{2.5}	≤ 0.00885 lb/MMBtu and ≤ 1.94 lb/hr	Rule 335-3-14-.04(9)
X052	801 Combustion Turbine & Supplemental Burner	PM ₁₀	≤ 0.00885 lb/MMBtu and ≤ 3.09 lb/hr	Rule 335-3-14-.04(9)
X052	801 Combustion Turbine & Supplemental Burner	PM _{2.5}	≤ 0.00885 lb/MMBtu and ≤ 3.09 lb/hr	Rule 335-3-14-.04(9)
X052	801 Combustion Turbine & Supplemental Burner	CO _{2e}	≤ 40,921 lb/hr and ≤ 179,235 tpy	Rule 335-3-14-.04(9)

Permitted Fuels

Fuel	Sulfur Content
Natural Gas	≤ 20 grains S per 100 Standard Cubic Foot

801 Combustion Turbine Provisos

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Applicability <ol style="list-style-type: none">1. This source is subject to the applicable requirements of ADEM Admin. Code 335-3-16-.03, "Major Source Operating Permits".2. This Source is subject to the requirements of ADEM Admin. Code 335-3-14-.04(9) Prevention of Significant Deterioration (PSD) Best Available Control Technology (BACT) limits for PM₁₀, PM_{2.5}, and CO_{2e}.3. The turbines and duct burners are subject to the applicable requirements of Subpart A, the General Provision of 40 CFR Part 60.4. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-10-.02(89) New Source Performance Standards Subpart KKKK for NO_x and SO₂.	Rule 335-3-16-.03 Rule 335-3-14-.04(9) Rule 335-3-10-.02(1) Rule 335-3-10-.02(89)																						
Emission Standards <ol style="list-style-type: none">1. Nitrogen oxide emissions shall not exceed the more stringent of 25 ppm @ 15% O₂ or 1.2 lb/MWh useful output.2. Nitrogen oxide emissions shall not exceed 3.46 lb/hr while both the Combustion Turbine & Supplemental Burner are being operated.3. Carbon monoxide emissions shall not exceed 4.21 lb/hr while both the Combustion Turbine & Supplemental Burner are being operated.4. Sulfur dioxide emissions shall not exceed 0.060 lb/MMBtu.5. This source may only fire natural gas. The natural gas shall have a sulfur content ≤ 20 grains S per 100 Standard cubic foot.6. Such that the standards for Best Available Control Technology (BACT) shall be met, the following standards shall apply:<table><tr><th>Point</th><th>Pollutant</th><th>Rate based limit</th><th>Mass based limit</th></tr><tr><td rowspan="2">Combustion Turbine</td><td>PM₁₀</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 1.94 lb/hr</td></tr><tr><td>PM_{2.5}</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 1.94 lb/hr</td></tr><tr><td rowspan="2">Combustion Turbine & Supplemental Buner</td><td>PM₁₀</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 3.09 lb/hr</td></tr><tr><td>PM_{2.5}</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 3.09 lb/hr</td></tr><tr><td>Combustion Turbine & Supplemental Buner</td><td>CO_{2e}</td><td>≤ 40,921 lb/hr</td><td>≤ 179,235 tpy</td></tr></table>	Point	Pollutant	Rate based limit	Mass based limit	Combustion Turbine	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr	Combustion Turbine & Supplemental Buner	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr	Combustion Turbine & Supplemental Buner	CO _{2e}	≤ 40,921 lb/hr	≤ 179,235 tpy	Rule 335-3-10-.02(89) Rule 335-3-14-.02 Rule 335-3-14-.02 Rule 335-3-10-.02(89) Rule 335-3-10-.02(89) Rule 335-3-14-.04(9)
Point	Pollutant	Rate based limit	Mass based limit																				
Combustion Turbine	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr																				
	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr																				
Combustion Turbine & Supplemental Buner	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr																				
	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr																				
Combustion Turbine & Supplemental Buner	CO _{2e}	≤ 40,921 lb/hr	≤ 179,235 tpy																				
<ol style="list-style-type: none">7. This source shall install and maintain a selective catalytic system with ammonia injection system for the control of NO_x emissions from this unit.8. This source shall install and maintain an oxidation catalysts system for the control of CO and VOC emissions from this unit.	Rule 335-3-14-.02 Rule 335-3-14-.02																						

Federally Enforceable Provisos

9. The emission standards in Items 1 through 4 apply at all times except during startup and shutdown as defined below.

Startup: The period from when the combustion turbine is started until it enters SoLoNox mode (above approximately 50% operational load).

Shutdown: The period once the shutdown process is initiated and exits SoLoNox mode (below approximately 50% operational load).

1. Compliance with the PM_{2.5} and PM₁₀ emission limit shall be determined by EPA Test Method 201A and/or EPA Test Method 202. Alternative test methods may be used provided prior approval by the Department is granted.

2. Compliance with the sulfur dioxide emission limit of this unit shall be determined by Reference Method 6 in Appendix A of 40 CFR Part 60 or the permittee may demonstrate compliance with the applicable SO₂ emission standard by documenting the fuel quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the fuel which specifies that the total sulfur content is 20 grains of sulfur or less per 100 standard cubic feet. A copy of a current contract shall be maintained at the facility and be readily available for inspection upon request. The permittee shall also make a copy of each contract available for inspection upon request for a period of five years following the expiration date of the contract. Alternative test methods may be used provided prior approval by the Department is granted.

Rule 335-3-10-.02(89)

3. Compliance with the nitrogen oxide limit shall be determined by Reference Method 7e in Appendix A of 40 CFR Part 60. Alternative test methods may be used provided prior approval by the Department is granted.

Rule 335-3-14-.02

1. A NOx emissions performance test shall be performed annually in accordance with 40 CFR 60.4400 to demonstrate continuous compliance. If the NOx emission result from the performance test is less than or equal to 75 percent of the NOx emission limit for the turbine, you may reduce the frequency of subsequent performance tests to once every 2 years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceed 75 percent of the NOx emission limit for the turbine, you must resume annual performance tests.

Rule 335-3-10-.02(89)

1. A NOx emission test report shall be submitted in accordance to Emissions Monitoring proviso 1.

Rule 335-3-14-.02

801 Combustion Turbine Provisos

Federally Enforceable Provisos	Regulations
2. The permittee shall submit notifications as to the date construction is commenced on this turbine postmarked no later than 30 days after such date and the actual date of initial startup of this turbine postmarked within 15 days after such date.	Rule 335-3-10-.02(89)
3. Records of the amount of monthly natural gas fired and calculated monthly CO ₂ e emissions shall be made and maintained on file available for review for at least five years.	Rule 335-3-10-.02(28)
<p>4. The permittee shall submit an annual compliance certification to the Department no later than 60 days following the anniversary of the issuance of this permit or with the Annual Major Source Operating Permit certification. The compliance certification shall include the following:</p> <ol style="list-style-type: none"> 1. The identification of each term or condition of this permit that is the basis of the certification. 2. The compliance status, whether continuous or intermittent. 3. The method(s) used for determining the compliance status of the source, currently and over the reporting period. 4. Other facts the Department may require to determine the compliance status of the source. <p>The compliance certification shall contain certification by a responsible official of truth, accuracy and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p>	Rule 335-3-14-.02

802 Combustion Turbine Informational Summary

Description: 22.4 MW Solar Titan 250E Combustion Turbine with 130 MMBtu/hr Supplemental Burner

Emission Unit No: X053

Installation Date: 2019

Reconstruction/Modification Date: N/A

Operating Capacity: 22.4 MW (219.46 MMBTU/hr Turbine & 130 MMBtu/hr Supplemental Burner)

Operating Schedule: 8760 hours/year

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:

40 CFR Part 60 Subpart KKKK

Pollutants Emitted

Emission Point	Point Description	Pollutant	Emission Limit	Standard
X053	802 Combustion Turbine & Supplemental Burner	NO _x	≤ 25 ppm @ 15% O ₂ or 1.2 lb/MWh useful output and 3.46 lb/hr	Rule 335-3-10-.02(89) Rule 335-3-14-.02
X053	802 Combustion Turbine & Supplemental Burner	SO ₂	≤ 0.060 lb/MMBtu	Rule 335-3-10-.02(89)
X053	802 Combustion Turbine & Supplemental Burner	CO	≤ 4.21 lb/hr	Rule 335-3-14-.02
X053	802 Combustion Turbine	PM ₁₀	≤ 0.00885 lb/MMBtu and ≤ 1.94 lb/hr	Rule 335-3-14-.04(9)
X053	802 Combustion Turbine	PM _{2.5}	≤ 0.00885 lb/MMBtu and ≤ 1.94 lb/hr	Rule 335-3-14-.04(9)
X053	802 Combustion Turbine & Supplemental Burner	PM ₁₀	≤ 0.00885 lb/MMBtu and ≤ 3.09 lb/hr	Rule 335-3-14-.04(9)
X053	802 Combustion Turbine & Supplemental Burner	PM _{2.5}	≤ 0.00885 lb/MMBtu and ≤ 3.09 lb/hr	Rule 335-3-14-.04(9)
X053	802 Combustion Turbine & Supplemental Burner	CO _{2e}	≤ 40,921 lb/hr and ≤ 179,235 tpy	Rule 335-3-14-.04(9)

Permitted Fuels

Fuel	Sulfur Content
Natural Gas	≤ 20 grains S per 100 Standard Cubic Foot

802 Combustion Turbine Provisos

Federally Enforceable Provisos	Regulations																						
Applicability <ol style="list-style-type: none">1. This source is subject to the applicable requirements of ADEM Admin. Code 335-3-16-.03, "Major Source Operating Permits".2. This Source is subject to the requirements of ADEM Admin. Code 335-3-14-.04(9) Prevention of Significant Deterioration (PSD) Best Available Control Technology (BACT) limits for PM₁₀, PM_{2.5}, and CO_{2e}.3. The turbines and duct burners are subject to the applicable requirements of Subpart A, the General Provision of 40 CFR Part 60.4. This source is subject to the applicable requirements of ADEM Admin. Code R. 335-3-10-.02(89) New Source Performance Standards Subpart KKKK for NO_x and SO₂.	Rule 335-3-16-.03 Rule 335-3-14-.04(9) Rule 335-3-10-.02(1) Rule 335-3-10-.02(89)																						
Emission Standards <ol style="list-style-type: none">1. Nitrogen oxide emissions shall not exceed the more stringent of 25 ppm @ 15% O₂ or 1.2 lb/MWh useful output.2. Nitrogen oxide emissions shall not exceed 3.46 lb/hr while both the Combustion Turbine & Supplemental Burner are being operated.3. Carbon monoxide emissions shall not exceed 4.21 lb/hr while both the Combustion Turbine & Supplemental Burner are being operated.4. Sulfur dioxide emissions shall not exceed 0.060 lb/MMBtu.5. This source may only fire natural gas. The natural gas shall have a sulfur content ≤ 20 grains S per 100 Standard cubic foot.6. Such that the standards for Best Available Control Technology (BACT) shall be met, the following standards shall apply:<table><tr><th>Point</th><th>Pollutant</th><th>Rate based limit</th><th>Mass based limit</th></tr><tr><td rowspan="2">Combustion Turbine</td><td>PM₁₀</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 1.94 lb/hr</td></tr><tr><td>PM_{2.5}</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 1.94 lb/hr</td></tr><tr><td rowspan="2">Combustion Turbine & Supplemental Buner</td><td>PM₁₀</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 3.09 lb/hr</td></tr><tr><td>PM_{2.5}</td><td>≤ 0.00885 lb/MMBtu</td><td>≤ 3.09 lb/hr</td></tr><tr><td>Combustion Turbine & Supplemental Buner</td><td>CO_{2e}</td><td>≤ 40,921 lb/hr</td><td>≤ 179,235 tpy</td></tr></table>7. This source shall install and maintain a selective catalytic system with ammonia injection system for the control of NO_x emissions from this unit.	Point	Pollutant	Rate based limit	Mass based limit	Combustion Turbine	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr	Combustion Turbine & Supplemental Buner	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr	Combustion Turbine & Supplemental Buner	CO _{2e}	≤ 40,921 lb/hr	≤ 179,235 tpy	Rule 335-3-10-.02(89) Rule 335-3-14-.02 Rule 335-3-14-.02 Rule 335-3-10-.02(89) Rule 335-3-10-.02(89) Rule 335-3-14-.04(9)
Point	Pollutant	Rate based limit	Mass based limit																				
Combustion Turbine	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr																				
	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 1.94 lb/hr																				
Combustion Turbine & Supplemental Buner	PM ₁₀	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr																				
	PM _{2.5}	≤ 0.00885 lb/MMBtu	≤ 3.09 lb/hr																				
Combustion Turbine & Supplemental Buner	CO _{2e}	≤ 40,921 lb/hr	≤ 179,235 tpy																				

802 Combustion Turbine Provisos

Federally Enforceable Provisos	Regulations
8. This source shall install and maintain an oxidation catalysts system for the control of CO and VOC emissions from this unit.	Rule 335-3-14-.02
9. The emission standards in Items 1 through 4 apply at all times except during startup and shutdown as defined below.	Rule 335-3-14-.03(1)(h)
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">Startup:</div> <div>The period from when the combustion turbine is started until it enters SoLoNox mode (above approximately 50% operational load).</div> </div>	
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">Shutdown:</div> <div>The period once the shutdown process is initiated and exits SoLoNox mode (below approximately 50% operational load).</div> </div>	
Compliance and Performance Test Methods and Procedures	
1. Compliance with the PM _{2.5} and PM ₁₀ emission limit shall be determined by EPA Test Method 201A and/or EPA Test Method 202. Alternative test methods may be used provided prior approval by the Department is granted.	Rule 335-3-14-.02
2. Compliance with the sulfur dioxide emission limit of this unit shall be determined by Reference Method 6 in Appendix A of 40 CFR Part 60 or the permittee may demonstrate compliance with the applicable SO ₂ emission standard by documenting the fuel quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the fuel which specifies that the total sulfur content is 20 grains of sulfur or less per 100 standard cubic feet. A copy of a current contract shall be maintained at the facility and be readily available for inspection upon request. The permittee shall also make a copy of each contract available for inspection upon request for a period of five years following the expiration date of the contract. Alternative test methods may be used provided prior approval by the Department is granted.	Rule 335-3-14-.02 Rule 335-3-10-.02(89)
3. Compliance with the nitrogen oxide limit shall be determined by Reference Method 7e in Appendix A of 40 CFR Part 60. Alternative test methods may be used provided prior approval by the Department is granted.	Rule 335-3-14-.02
Emission Monitoring	
1. A NO _x emissions performance test shall performed annually in accordance with 40 CFR 60.4400 to demonstrate continuous compliance. If the NO _x emission result from the performance test is less than or equal to 75 percent of the NO _x emission limit for the turbine, you may reduce the frequency of subsequent performance tests to once every 2 years (no more than 26 calendar months following the previous performance test). If the results of any subsequent performance test exceed 75 percent of the NO _x emission limit for the turbine, you must resume annual performance tests.	Rule 335-3-10-.02(89)

802 Combustion Turbine Provisos

Federally Enforceable Provisos	Regulations
Recordkeeping and Reporting Requirements	
1. A NO _x emission test report shall be submitted in accordance to Emissions Monitoring proviso 1.	Rule 335-3-14-.02
2. The permittee shall submit notifications as to the date construction is commenced on this turbine postmarked no later than 30 days after such date and the actual date of initial startup of this turbine postmarked within 15 days after such date	Rule 335-3-10-.02(89)
3. Records of the amount of monthly natural gas fired and calculated monthly CO _{2e} emissions shall be made and maintained on file available for review for at least five years.	Rule 335-3-10-.02(28)
<p>4. The permittee shall submit an annual compliance certification to the Department no later than 60 days following the anniversary of the issuance of this permit or with the Annual Major Source Operating Permit certification. The compliance certification shall include the following:</p> <ol style="list-style-type: none"> 1. The identification of each term or condition of this permit that is the basis of the certification. 2. The compliance status, whether continuous or intermittent. 3. The method(s) used for determining the compliance status of the source, currently and over the reporting period. 4. Other facts the Department may require to determine the compliance status of the source. <p>The compliance certification shall contain certification by a responsible official of truth, accuracy and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p>	Rule 335-3-14-.02

No. 7 Tissue Machine Informational Summary

Description: No. 7 Tissue Machine

Emission Unit No: X054

Installation Date: 1969

Reconstruction/Modification date: 2019

Operating Capacity:

Operating Schedule: 8760 hours/year

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
N/A

Pollutants Emitted

Emission Point	Point Description	Pollutant	Emission Limit	Standard
102a	TM7 Process Vents	Filterable PM	0.94 lb/MDTFP and 34.2 tpy	Rule 335-3-14-.04
102b	TM7 Yankee Dryer/Hood	Filterable PM	0.21 lb/MDTFP and 7.8 tpy	Rule 335-3-14-.04
102c	TM7 Reel Section	Filterable PM	0.06 lb/MDTFP and 2.28 tpy	Rule 335-3-14-.04

No. 7 Tissue Machine Provisos

Federally Enforceable Provisos	Regulations								
Applicability									
1. This source is subject to the applicable requirements of ADEM Admin. Code R 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03								
2. This source is subject to the requirements of ADEM Admin. Code 335-3-14-.04(9) Prevention of Significant Deterioration (PSD) Best Available Control Technology (BACT) work practice standard for filterable PM.	Rule 335-3-14-.04(9)								
Emission Standards									
1. Such that the standards for Best Available Control Technology (BACT) shall be met, the following standards for filterable PM in pounds per machine dried tonnes finished paper (lb/MDTFP) shall apply:	Rule 335-3-14-.04								
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Unit</th><th style="text-align: center;">Emission/Operating Limit</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">TM7 Process Vents</td><td style="text-align: center;">0.94 lb/MDTFP and 34.2 tpy</td></tr> <tr> <td style="text-align: center;">TM7 Yankee Dryer/Hood</td><td style="text-align: center;">0.21 lb/MDTFP and 7.8 tpy</td></tr> <tr> <td style="text-align: center;">TM7 Reel Section</td><td style="text-align: center;">0.06 lb/MDTFP and 2.28 tpy</td></tr> </tbody> </table>		Unit	Emission/Operating Limit	TM7 Process Vents	0.94 lb/MDTFP and 34.2 tpy	TM7 Yankee Dryer/Hood	0.21 lb/MDTFP and 7.8 tpy	TM7 Reel Section	0.06 lb/MDTFP and 2.28 tpy
Unit	Emission/Operating Limit								
TM7 Process Vents	0.94 lb/MDTFP and 34.2 tpy								
TM7 Yankee Dryer/Hood	0.21 lb/MDTFP and 7.8 tpy								
TM7 Reel Section	0.06 lb/MDTFP and 2.28 tpy								
2. Such that the standards for Best Available Control Technology (BACT) shall be met, the Yankee Dryer burners shall burn only pipeline quality natural gas and the Mill shall operate a wet scrubber on the TM7 Reel Section.	Rule 335-3-14-.04								
3. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01								
Compliance and Performance Test Methods and Procedures									
1. For the TM7 Reel Section and TM7 Yankee Dryer/Hood, compliance with the particulate emission rates shall be determined by Reference Method 5 in Appendix A of 40 CFR 60. Alternate test methods may be used provided prior approval by the Department is granted.	Rule 335-3-10-.03(1)								
2. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60. Alternate test methods may be used provided prior approval by the Department is granted	Rule 335-3-10-.03(1)								
Emission Monitoring									
1. For the TM7 Reel Scrubber, a continuous monitoring system for the measurement of scrubber flow rate and differential pressure shall be installed, operated and maintained based on the average values (three-hour block) determined during the initial performance test or any subsequent tests.	Rule 335-3-14-.02								
2. For particulate matter periodic monitoring on the TM7 Reel Scrubber, if any three-hour rolling average wet scrubber flow rate or scrubber	Rule 335-3-14-.02								

**No. 7 Tissue Machine
Provisos**

Federally Enforceable Provisos	Regulations
<p>differential pressure is less than 90 percent of its three hour average value recorded at the time of a required periodic test that showed compliance or a test approved by the Department that showed compliance, the cause is to be investigated and appropriate corrective action is to be taken within twenty-four hours.</p> <p>Recordkeeping and Reporting Requirements</p> <ol style="list-style-type: none">1. For the TM7 Reel Scrubber, records of all three-hour rolling average wet scrubber flow rates and scrubber differential pressures shall be made and maintained on file available for inspection for at least five years.	<p>Rule 335-3-14-.02</p>

New Converting Lines Informational Summary

Description: New Converting Lines

Emission Unit No: X055

Installation Date: 2019

Reconstruction/Modification Date: N/A

Operating Capacity:

Operating Schedule: 8760 hours/year

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:
N/A

Pollutants Emitted

Emission Point	Point Description	Pollutant	Emission Limit	Standard
200j	Converting Line	Filterable PM	Work Practice Standard	Rule 335-3-14-.04
200k	Converting Line	Filterable PM	Work Practice Standard	Rule 335-3-14-.04

New Converting Lines Provisos

Federally Enforceable Provisos	Regulations
Applicability	
1. This source is subject to the applicable requirements of ADEM Admin. Code R 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. This source is subject to the requirements of ADEM Admin. Code 335-3-14-.04(9) Prevention of Significant Deterioration (PSD) Best Available Control Technology (BACT) work practice standard for filterable PM.	Rule 335-3-14-.04(9)
Emission Standards	
1. Such that the standards for Best Available Control Technology (BACT) shall be met, filterable PM emissions shall be controlled by the work practice standard of operation of the dust cyclone separator, slurry wash, and high efficiency drum filter, while monitoring the manufacturer's recommended practices.	Rule 335-3-14-.04
2. Opacity shall not exceed twenty percent (20%) as determined by six-minute average. During one six-minute period in any sixty minute period, this unit may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent (40%).	Rule 335-3-4-.01
Compliance and Performance Test Methods and Procedures	
1. Compliance with the opacity standard for this unit shall be determined by Reference Method 9 in Appendix A of 40 CFR 60. Alternate test methods may be used provided prior approval by the Department is granted	Rule 335-3-10-.03(1)
Emission Monitoring	
1. Operation of the dust cyclone separator, slurry wash, and high efficiency drum filter shall be ensured through monitoring of the manufacturer's recommended practices.	Rule 335-3-14-.02
Recordkeeping and Reporting Requirements	
1. For the dust cyclone separator, slurry wash, and high efficiency drum filter, operational and monitoring records shall be made and maintained on file available for inspection for at least five years.	Rule 335-3-14-.02

RICE MACT UNITS Informational Summary

Description: Cummins- Front Gate (700a)
 Detroit-Pump House-MSWL03A (700b)
 Kohler 125A-DF-RZG (700g)
 Kohler 125B-DF-REZG (700h)
 John Deere-WFP Fire Pump (700i)

Emission Unit No:	Installation Date:	Reconstruction/Modification Date:
700a	2002	N/A
700b	1975	N/A
700g	2007	N/A
700h	2010	N/A
700i	2013	N/A

Operating Capacity:

Unit	HP	Type	Fuel
700a	170 hp	Compression	ULSD
700b	170 hp	Compression	ULSD
700g	200 hp	Spark	NG
700h	200 hp	Spark	NG
700i	422 hp	Compression	ULSD

Operating Schedule:	Calendar Year Limit	Non-Emergency Use
700a	≤500 hours/year	≤50 hours/year
700b	≤500 hours/year	≤50 hours/year
700g	≤500 hours/year	≤50 hours/year
700h	≤500 hours/year	≤50 hours/year
700i	≤500 hours/year	≤50 hours/year

These units contain equipment that is subject to the following NSPSs, NESHAPs, or MACTs:

40 CFR Part 60 Subpart JJJJ for 700h
40 CFR Part 63 Subpart ZZZZ

Pollutants Emitted

Emission Point	Point Description	Pollutant	Emission Limit	Standard
700a, 700b, 700g, 700h, 700i	All Units	Opacity	≤ 20% as determined by six-minute average, with one six-minute period up to 40% in any one-hour period.	Rule 335-3-4-.01
700a, 700b, 700i	Cummins- Front Gate, Detroit-Pump House-MSWL03A, John Deere-WFP Fire Pump	SO ₂	Only fire diesel fuel with a sulfur content not to exceed 15 parts per million	Rule 335-3-10-.02(87)
700a, 700b,	Cummins- Front Gate, Detroit-Pump House-MSWL03A	HAPS	a) Change oil and filter every 500 hours of operation or annually, whichever comes first; b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; c)	Rule 335-3-10-.02(87)

RICE MACT Generators

Provisos

			Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	
700g, 700h	Kohler 125A-DF-RZG, Kohler 125B-DF-REZG	HAPS	a) Change oil and filter every 500 hours of operation or annually, whichever comes first; b) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	Rule 335-3-10-.02(88)
700a, 700b, 700g, 700i	RICE Engines	HAPS	Per 40 CFR 63.6640(f)(1) maintenance checks and readiness testing is limited to 100 hours per year and non-emergency use is limited to 50 hours per year, which count towards the 100 hour per year limit provided for maintenance and testing. There is no time limit on usage in emergency situations.	Rule 335-3-11-.06(103)
700h	Kohler 125B-DF-REZG-700h	HAPS	Per 40 CFR 60.4243(d) maintenance checks and readiness testing is limited to 100 hours per year and non-emergency use is limited to 50 hours per year, which count towards the 100 hour per year limit provided for maintenance and testing. There is no time limit on usage in emergency situations.	Rule 335-3-10-.02(88)
700i	John Deere-WFP Fire Pump	PM, CO, and NO _x + NMHC	NMHC + NO _x : 3.0 g/HP-hr CO: 2.6 g/HP-hr PM: 0.15 g/HP-hr	Rule 335-3-10-.02(87)

RICE MACT Generators Provisos

Federally Enforceable Provisos	Regulations
Applicability	
1. These units are subject to the applicable requirements of ADEM Admin. Code 335-3-16-.03, "Major Source Operating Permits".	Rule 335-3-16-.03
2. These units are subject to the requirements of ADEM Admin. Code 335-3-4-.01 for opacity.	Rule 335-3-4-.01
3. All units are subject to the requirements of National Emission Standards for Hazardous Pollutants General Provisions as provided for in 40 CFR Part 63 Subpart ZZZZ as referenced in ADEM Admin. Code 335-3-11-.06(103).	Rule 335-3-11-.06(103)
4. Unit 700h is subject to the requirements of Standards of Performance for Stationary Spark Ignition Internal Combustion Engines as provided for in 40 CFR Part 60 Subpart JJJJ.	Rule 335-3-10-.02(88)
5. Unit 700i is subject to the requirements of Standards of Performance for Stationary Compression Ignition Internal Combustion Engines as provided for in 40 CFR Part 60 Subpart IIII.	Rule 335-3-10-.02(87)
Emission Standards	
1. For all units, opacity shall not exceed twenty percent as determined by six-minute average. During one six-minute period in any sixty-minute period, a person may discharge into the atmosphere from any source of emission, particulate of an opacity not greater than that designated as forty percent.	Rule 335-3-4-.01
2. For units 700a, 700b, and 700i, in accordance with 40 CFR 60.4207(b), the facility shall not burn any diesel fuel that does not meet the following per-gallon standards of 40 CFR 80.510(b): a. Sulfur content shall not exceed 15 parts per million (ppm); and b. Cetane index shall be a minimum of 40 or the aromatic content shall not exceed 35 volume percent.	Rule 335-3-10-.02(87)
3. All units shall be operated according to the requirements in 40 CFR 63.6640(f)(1)(i) through (iii).	Rule 335-3-11-.06(103)
4. For unit 700i, in accordance with 40 CFR 60.4205(b) and 60.4202(a), the facility shall not cause or allow the applicable emission standards in 40 CFR 89.112 to be exceeded, specifically: a. The sum of emissions of non-methane hydrocarbons (NMHC) and nitrogen oxides (NOx) shall not exceed 3.0 g/HP-hr. b. Carbon monoxide (CO) emissions shall not exceed 2.6 g/HP-hr. c. Particulate matter (PM) emissions shall not exceed 0.15 g/HP-hr.	Rule 335-3-10-.02(87)
5. All units and after-treatment control device (if any), shall be operated and maintained according to the manufacturer's emission-related written instructions, or the facility develop a maintenance plan which must provide to the extent practicable for the maintenance and operation	Rule 335-3-11-.06(103)

RICE MACT Generators Provisos

Federally Enforceable Provisos	Regulations
<p>of the engine in a manner consistent with good air pollution control practice for minimizing emissions.</p>	
<p>6. Unit 700h must maintain the 40 CFR part 1048 Certification.</p>	<p>Rule 335-3-10-.02(88)</p>
<p>Compliance and Performance Test Methods and Procedures</p>	
<p>1. For units 700a and 700b, the facility must demonstrate continuous compliance with the following operation limitations found in 40 CFR Part 63 Subpart ZZZZ Table 2C:</p> <ul style="list-style-type: none"> a. Change oil and filter every 500 hours of operation or annually, whichever comes first; b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. 	<p>Rule 335-3-11-.06(103)</p>
<p>2. For units 700g and 700h, the facility must demonstrate continuous compliance with the following operation limitations found in 40 CFR Part 60 Subpart JJJJ Table 1:</p> <ul style="list-style-type: none"> a. Change oil and filter every 500 hours of operation or annually, whichever comes first; b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. 	<p>Rule 335-3-10-.02(88)</p>
<p>Emission Monitoring</p>	
<p>1. The facility must install a non-resettable hour meter and monitor all units according to the requirements of 40 CFR 63.6625(f), 63.6635, and 60.4209.</p>	<p>Rule 335-3-11-.06(103)</p>
<p>2. The facility shall monitor and collect data according to the requirements of 40 CFR 63.6635 and 60.4214(b).</p>	<p>Rule 335-3-11-.06(103)</p>
<p>Recordkeeping and Reporting Requirements</p>	
<p>1. For all units, the facility shall keep records of the operation of the engine in emergency and non-emergency service, which is recorded through the non-resettable hour meter. The owner shall record the time of operation of the engine and the reason the engine was in operation during that time. These records shall be retained onsite for inspection purposes for a period of at least five years.</p>	<p>Rule 335-3-11-.06(103)</p>
<p>2. The facility shall keep records in accordance with 40 CFR 63.6655 and 60.4214(b) for the all units.</p>	<p>Rule 335-3-11-.06(103)</p>
<p>3. If any of the existing units are reconstructed, the facility shall submit an Initial Notification.</p>	<p>Rule 335-3-11-.02(103)</p>
<p>4. For units 700a, 700b, and 700i, to demonstrate compliance with the fuel limitations, the facility shall only purchase fuels subject to meeting the</p>	<p>Rule 335-3-10-.02(87)</p>

RICE MACT Generators
Provisos

Federally Enforceable Provisos	Regulations
<p>fungible specifications for diesel fuel. Records of these fuel purchases shall be maintained in a permanent form suitable for inspection and shall be readily available for inspection upon request. These records shall be retained for a period of 5 years from the date of generation of each record.</p>	

Sources Subject Only to the General Provisos Informational Summary

Description:

Emission Unit No:

Installation Date:

Reconstruction/Modification Date:

Operating Capacity:

Operating Schedule: 8760 hours/year

This unit contains equipment that is subject to the following NSPSs, NESHAPs, or MACTs:

Pollutants Emitted

Emission limitations:

Source No.	Description	Regulation
100	No. 5 Tissue Machine	General Provisos
101	No. 6 Tissue Machine	General Provisos
103	No. 8 Tissue Machine	General Provisos
104	No. 11 Tissue Machine	General Provisos
300	Fiber Preparation	General Provisos
400	Utilities	General Provisos
700d	5&6 Sewer Pump-Basement-MSSV01	General Provisos